

## **Construction of a Hydrometer to Investigate the Variations in Relative Humidity**

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'Wet and Dry bulb' Thermometer principle is used to design a Hydrometer which is capable of monitoring of the continuous variations in relative humidity. Thermocouples are used to monitor the temperature and electronic circuitry is designed for simultaneous measurement of both temperature and temperature difference on the same single pen chart recorder. The system is used to monitor the daily variations of relative humidity inside the laboratories under different conditions.